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CANNON, ANNIE J. Second catalogue of variable stars. Cambridge: Annals of the Astronomical Observatory of Harvard College. Vol. LV, Part I. 1907. 4to. iii + 94 pp. Paper.

COOKSON, BRYAN. Determination of the mass of *Jupiter* and orbits of the satellites from observations made with the Cape heliometer. Edinburgh: Annals of the Royal Observatory, Cape of Good Hope. Vol. XII, Part II. 1906. 4to. 215 pp. Paper. 6s.

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HALM, JACOB. New reduction of Henderson's catalogue for the epoch 1840.0. Glasgow: Annals of the Royal Observatory, Edinburgh. Vol. II. 1906. 4to. xl + 104 pp. Cloth. 6s.

LOUD, F. H. Notes on the computation of logarithms. Colorado Springs: Semi-annual Bulletin of the Colorado College Observatory. 1907. 8vo. 19 pp.

LUNT, JOSEPH. The spectra of silicon, fluorine, and oxygen. Edinburgh: Annals of the Royal Observatory, Cape of Good Hope. Vol. X, Part II—Spectroscopic Researches. 1906. 4to. 43 pp. Paper. 3s.

MÜLLER, G., und KEMPF, P. Photometrische Durchmusterung des Nördlichen Himmels, enthaltend die Gröszen und Farben aller Sterne der B. D. bis zur Grösze 7.5. General-katalog. Potsdam: Publikationen des Astrophysikalischen Observatoriums zu Potsdam. Band XVII. 1907. 4to. xxxv + 293 pp. Boards. 18m.

OUDEMANS, J. A. C. Mutual occultations and eclipses of the satellites of *Jupiter* in 1908. Parts I and II. Reprinted from the Proceedings of the Amsterdam Academy of Sciences, 1906. 32 and 15 pp.

WEINEK, L. Astronomische Beobachtungen an der K. K. Sternwarte zu Prag. in den Jahren 1900-1904. Prag. 1907. 4to. vi + 106 pp. Plates.

WOOD, R. W. Physical optics. New York: Macmillan Co. 1907. 8vo. 546 pp. Cloth, \$3.50.

Positions of *Phœbe*, 1898-1904. Cambridge: Annals of the Astronomical Observatory of Harvard College. Vol. LX, No. III. 4to. 40 pp. Paper.

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